JOINT EXPEDITIONARY FORCE EXPERIMENT '06
JEFX

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JEFX '06 Public Affairs

NELLIS AIR FORCE BASE, Nev. — An initiative designed to electronically transmit intelligence, surveillance and reconnaissance information to commanders was tested here at Joint Expeditionary Force Experiment 2006 during March.

With Non-Traditional ISR services, information was set to flow directly from aircraft to the Air and Space Operations Center and forward-deployed locations, said Maj. Simon Corley, NTISR initiative lead.

NTISR fills current gaps with tactical forward sensor information via an Internet Protocol-enabled network from aircraft equipped with targeting pods. These aircraft have the ability to pass imagery data through the network as well as Link-16, the data network that allows airborne planes to exchange accurate, reliable information in real time. NTISR essentially allows warfighters to provide imagery information to the AOC so combat operations can make immediate targeting decisions. NTISR information services also delivers Infrastructure Operations Tools Access, or IOTA, said Vincent Bosch, an NTISR support contractor.

Decision makers and combat operators, for example, used to search databases for the specific ISR information they needed to analyze. "Now, when information comes into the (air and space operations center), IOTA automatically publishes it to applications that need it," Mr. Bosch said. "For example, if you belong to an internet service, and you're interested in, say fighter aircraft, you can ask the service to send articles and links about fighter aircraft directly to you. Here, teams in the AOC can request specific requirements and IOTA sends it to them. It saves time in searching. Additionally, that information is archived for other customers to access."

JEFX is a series of experiments that combines live, virtual and constructive air, space, naval and ground force simulations, and technology insertions, into a joint and coalition warfighting environment.